

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

HONEYWELL INTERNATIONAL, INC.

Inventor(s): **SANKARANARAYANAN et al.**

Serial Number: **Filed Herewith** Examiner: **Not Yet Assigned**

Filed: **Filed Herewith** Art Unit: **Not Yet Assigned**

For: **3-D ADAPTIVE LASER POWDER FUSION WELDING**

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, disclosure is made of the following known related art listed in the accompanying Information Disclosure Citation, Form PTO-1449.

According to the announcement made via the USPTO web site entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003," no copies of the U.S. patent references are enclosed.

Applicants hereby cite the patents and/or publications on the attached form for consideration by the Patent and Trademark Office in regard to the claimed invention. By this notice, Applicants request that the Patent and Trademark Office make of record the documents listed. No representation is made that more pertinent material is not available or should not be considered by the Examiner. It is expected that the Patent and Trademark Office will

independently conduct a complete search of appropriate prior art. Furthermore, no admission is being made that these documents are prior art, and Applicants reserve the right to challenge any such conclusion.

Should there be any remaining or further questions, the Examiner is requested to please contact the undersigned directly. It is not believed that any additional fees are due. However, in the event additional fees are due, the Examiner is hereby authorized to charge Applicant's Attorney's Deposit Account No. 03-2030.

Respectfully submitted,

CISLO & THOMAS LLP

Date: July 31, 2003



Andrew S. Jordan
Reg. No. 33,917

for:

HONEYWELL INTERNATIONAL INC.
Law Department AB2
P.O. Box 2245
Morristown, New Jersey 07962
Customer No.: 000128

CISLO & THOMAS LLP
233 Wilshire Boulevard, Suite 900
Santa Monica, California 90401
Tel: (310) 451-0647
Fax: (310) 394-4477
Customer No.: 25,189
www.cislo.com

ASJ/mfn

Enclosures

As listed above

Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. H0002773	Serial No. Filed Herewith
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant SANKARANARAYANAN et al.	
		Filing Date Filed Herewith	Group N/A

U.S. PATENT DOCUMENTS

XMR INIT*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	6,364,971 B1	2Apr02	Peterson	148	525	20Jan00
	AB	6,333,484	25Dec01	Foster	219	121.64	17Mar00
	AC	6,326,585	4Dec01	Aleshin	219	121.63	13Jul99
	AD	6,269,540	7Aug01	Islam	29	899.7	30Sep99
	AE	6,268,584 B1	31Jul01	Keicher et al.	219	121.64	20Jul98
	AF	US 2001/0008230A1	19Jul01	Keicher et al.	219	121.63	24Apr98
	AG	6,172,327 B1	9Jan01	Aleshin	219	121.64	13Jul99
	AH	6,143,378	7Nov00	Harwell	427	597	12May98
	AI	6,122,564	19Sep00	Koch et al.	700	123	30Jun98
	AJ	6,054,672	25Apr00	Foster	219	121.66	15Sep98
	AK	6,046,426	4Apr00	Jeantette et al.	219	121.63	8Jul96

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						NO
	AM						
	AN						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AO	Huffman Corporation, Publication, 2001 Press Releases, published July 10, 2001
	AP	Color images of known powder feed splitter
	AQ	
	AR	

Examiner:	Date Considered:
-----------	------------------

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. H0002773	Serial No. Filed Herewith
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant SANKARANARAYANAN et al.	
		Filing Date Filed Herewith	Group N/A

U.S. PATENT DOCUMENTS

XMR INIT*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,993,554	30Nov99	Keicher et al.	118	641	22Jan98
	AB	5,993,550	30Nov99	Eloy	118	308	22Sep97
	AC	5,993,549	30Nov99	Kindler et al.	118	308	16Jan97
	AD	5,961,862	5Oct99	Lewis et al.	219	121.84	30Nov95
	AE	5,837,960	17Nov98	Lewis et al.	219	121.63	30Nov95
	AF	5,760,362	2Jun98	Eloy	219	121.6	7Sep94
	AG	5,705,785	6Jan98	Dykhno et al.	219	212.45	20Nov96
	AH	5,659,479	19Aug97	Duley	364	474.08	12Feb96
	AI	5,653,381	5Aug97	Azdasht	228	254	16Jun94
	AJ	5,622,638	22Apr97	Schell	219	212.64	15May96
	AK	5,620,552	15Apr97	Denney	156	272.2	12Sep94

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AO	
	AP	
	AQ	
	AR	
Examiner:		Date Considered:

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. H0002773	Serial No. Filed Herewith
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Applicant SANKARANARAYANAN et al.	
		Filing Date Filed Herewith	Group N/A

U.S. PATENT DOCUMENTS

XMR INIT*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,556,560	17Sep96	Ahola et al.	219	121.45	22Mar93
	AB	5,554,837	10Sep96	Goodwater	219	121.63	3Sep93
	AC	5,477,026	19Dec95	Buongiorno	219	121.84	27Jan94
	AD	5,477,025	19Dec95	Everett et al.	219	121.84	14Jan94
	AE	5,453,329	26Sep95	Everett et al.	428	565	30Apr93
	AF	5,418,350	25May95	Freneaux et al.	219	121.84	7Jan93
	AG	5,365,032	15Nov94	Muller et al.	219	121.67	25Jan93
	AH	5,321,228	14Jun94	Krause et al.	219	121.84	23Jun92
	AI	5,304,771	19Apr94	Griffin	219	121.63	18Feb92
	AJ	5,272,716	21Dec93	Soltz et al.	372	109	15Oct91
	AK	5,245,155	14Sep93	Pratt	219	121.63	6Mar92

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AO	
	AP	
	AQ	
	AR	

Examiner:	Date Considered:
-----------	------------------

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. H0002773	Serial No. Filed Herewith
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant SANKARANARAYANAN et al.	
		Filing Date Filed Herewith	Group N/A

U.S. PATENT DOCUMENTS

XMR INIT*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,147,587	15Sep92	Marcus	264	22	19Feb91
	AB	5,122,632	16Jun92	Kinkelin	219	121.63	16Oct90
	AC	5,111,021	5May92	Jolys et al.	219	121.6	12Sep91
	AD	5,043,548	27Aug91	Whitney et al.	219	121.47	8Feb89
	AE	4,997,250	5Mar91	Ortiz, Jr.	350	96.18	17Nov89
	AF	4,906,812	6Mar90	Nied et al.	219	121.63	22Dec88
	AG	4,814,575	21Mar89	Petitbon	219	121.64	16Oct87
	AH	4,804,815	14Feb89	Everett	219	212.6	1Jun87
	AI	4,803,335	7Feb89	Steen et al.	219	121.84	2Jun87
	AJ	4,777,341	11Oct88	Steen et al.	219	121.83	18Aug87
	AK	4,774,392	27Sep88	Orita	219	121.63	16Apr85

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						
	AM						
	AN						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AO	
AP	
AQ	
AR	

Examiner:	Date Considered:
-----------	------------------

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. H0002773	Serial No. Filed Herewith
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant SANKARANARAYANAN et al.	
		Filing Date Filed Herewith	Group N/A

U.S. PATENT DOCUMENTS

XMR INIT*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,726,715	23Feb88	Steen et al.	406	55	11Oct85
	AB	4,724,299	9Feb88	Hammeke	219	121 L	15Apr87
	AC	4,704,030	3Nov87	Steen et al.	356	121	15May85
	AD	4,676,586	30Jun87	Jones et al.	385	33	21Mar85
	AE	4,665,529	12May87	Baer et al.	372	107	19May86
	AF	4,564,736	14Jan86	Jones et al.	219	121.6	7May84
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						
	AM						
	AN						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AO	
AP	
AQ	
AR	

Examiner:

Date Considered:

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.